

*REMARKS/ARGUMENTS*

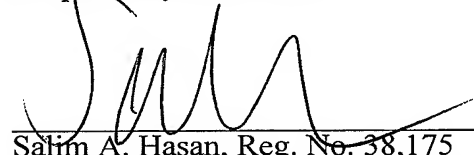
*Discussion of Rejection Under 35 U.S.C. § 103(a)*

Further to the remarks and arguments set forth in the Reply to Office Action dated September 22, 2009, Applicants note that the Lee patent provides only a vague description of the aforementioned quantum dot and, in particular, does not provide any direction or guidance that would enable one of ordinary skill in the art to make and use such a quantum dot. Moreover, as discussed in more detail in the accompanying Declaration Under 37 C.F.R. § 1.132 of Shuming Nie, methods of making and using a quantum dot having an interface region that is graded between the core and shell materials were not known to one of ordinary skill in the art at the time the Lee patent was filed.

*Conclusion*

Applicants respectfully submit that the patent application is in condition for allowance. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,



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